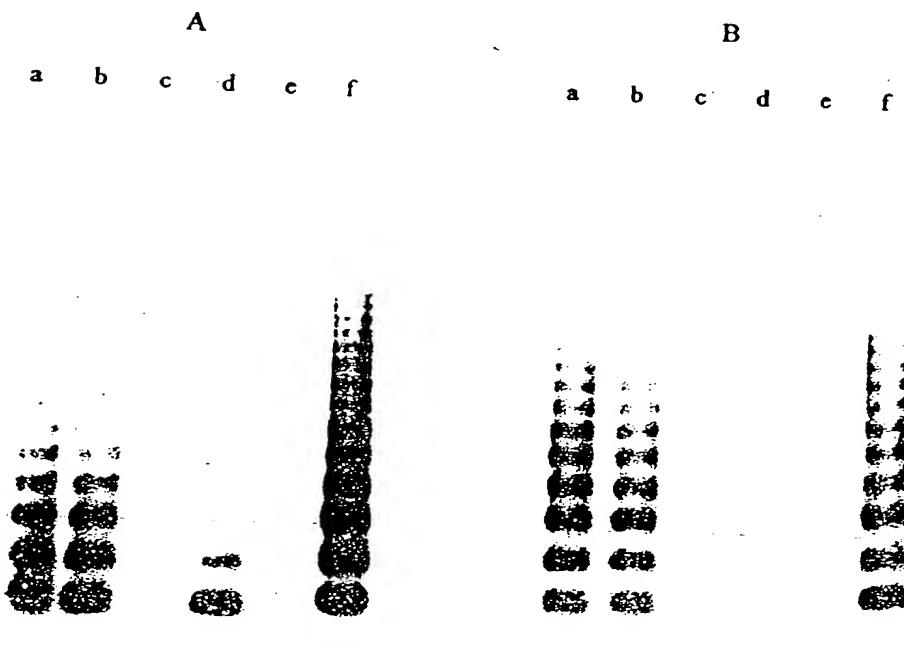


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Fig. 1: vWF Multimer Analysis Before and After  
Anion Exchange Chromatography

A: +CaCl<sub>2</sub>

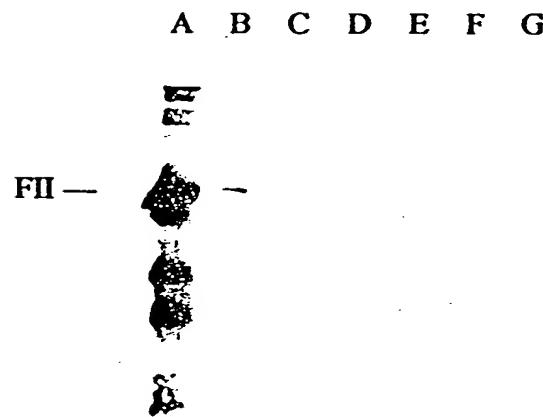
B: -CaCl<sub>2</sub>



- a: dissolved cryoprecipitate
- b: Alu-supernatant
- c: not bound to anion exchanger
- d: 180 mM NaCl eluate +/- 10 mM CaCl<sub>2</sub>
- e: 200 mM NaCl eluate
- f: 400 mM NaCl eluate

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Fig. 2: Detection of Factor II in Individual Fractions Before and After Anion Exchange Chromatography



- A: Factor II standard
- B: dissolved cryoprecipitate
- C: Alu-supernatant
- D: 180 mM NaCl eluate
- E: 400 mM NaCl eluate
- F: 180 mM NaCl/+10 mM CaCl<sub>2</sub> eluate
- G: 400 mM NaCl eluate

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Fig. 3: Protein S in the Individual Fractions  
Before and After Anion Exchange Chromatography

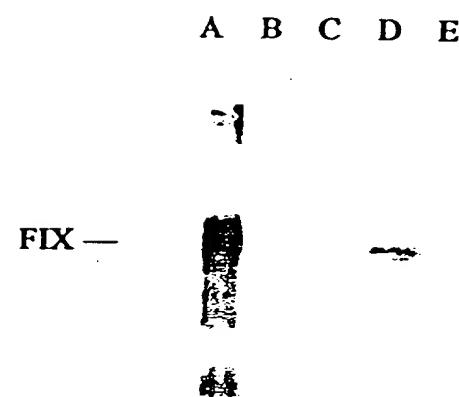
A B C D E F G

PS<sub>1</sub> —  
PS<sub>2</sub> —

- A: Protein S standard
- B: dissolved cryoprecipitate
- C: Alu-supernatant
- D: 180 mM NaCl eluate
- E: 400 mM NaCl eluate
- F: 180 mM NaCl/+10 mM CaCl<sub>2</sub> eluate
- G: 400 mM NaCl eluate

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Fig. 4: Factor IX in the Individual Fractions  
Before and After Anion Exchange Chromatography



- A: Factor IX standard
- B: dissolved cryoprecipitate
- C: Alu-supernatant
- D: 180 mM NaCl/10 mM CaCl<sub>2</sub> eluate
- E: 400 mM NaCl eluate

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Fig. 5: Plasminogen in Individual Fractions  
Before and After Anion Exchange Chromatography

A B C D

PG —

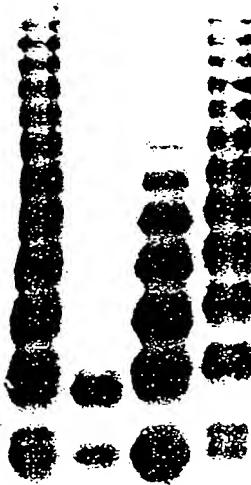
- A: Plasminogen standard
- B: dissolved cryoprecipitate
- C: 400 mM eluate anion exchanger
- D: eluate lysine-Sepharose

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Fig. 6: vWF-Multimer Analysis Before and After Heparin  
Affinity Chromatography

A   B   C   D



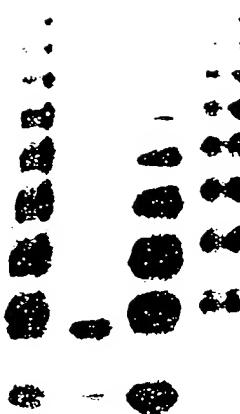
- A: Starting material before heparin affinity chromatography,  
B: Factor VIII/vWF-complex eluate 160 mM NaCl,  
C: Factor VIII/vWF-complex eluate 230 mM NaCl,  
D: Factor VIII/vWF-complex eluate 300 mM NaCl

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Fig. 7: vWF Multimer Analysis of p-vWF and r-vWF Before and After Heparin Affinity Chromatography

A B C D



I. p-vWF

- A: p-vWF starting material
- B: p-vWF/LMW
- C: p-vWF/MMW
- D: p-vWF/HMW

A B C D



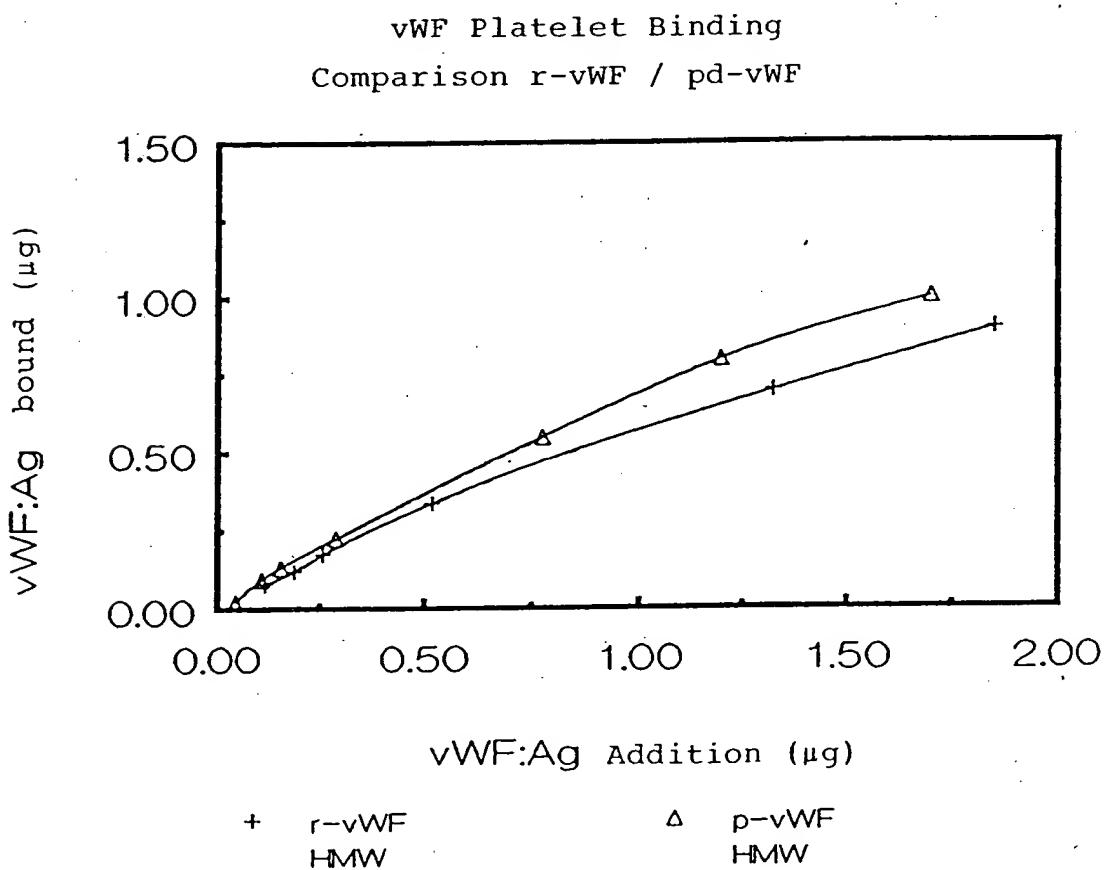
II. r-vWF

- A: r-vWF starting material
- B: r-vWF/LMW
- C: r-vWF/MMW
- D: r-vWF/HMW

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Fig. 8 Comparison of the Binding of r-vWF/HMW and p-vWF/HMW to Platelets

Graphical representation of the amount of vWF added and of the platelet-bound amount of vWF



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Fig. 9 Binding of p-vWF/HMW and r-vWF/HMW to Platelets  
and Multimer Analysis

A: p-vWF/HMW;

B: r-vWF/HMW;

a: vWF, not bound;

b: platelet-bound vWF

c: vWF starting fraction after affinity chromatography

